

Reply to Office Action dated February 8, 2007

**REMARKS**

Claims 1, 3, 6-13, 15 and 18-30 are pending in this application. By this Amendment, claims 1, 3, 7, 11, 13, 19 and 23 are amended and claims 2, 4-5, 14 and 16-17 are canceled without prejudice or disclaimer. Various amendments are made to the claims for clarity and are unrelated to issues of patentability.

Applicant gratefully acknowledges the courtesies extended by Examiner Vu during the personal interview on May 22 with applicant's representative, Mr. Oren. The substance of the interview is incorporated in the following remarks. This document should serve as the Substance of the Interview.

The Office Action rejects claims 1-30 under 35 U.S.C. §103(a) over U.S. Patent 6,411,307 to Rosin (hereafter Rosin), U.S. Patent Publication 2001/0012024 to Rosin et al. (hereafter the Rosin publication), U.S. Patent 6,518,984 to Maeckel et al. (hereafter Maeckel) and U.S. Patent 5,907,845 to Cox et al. (hereafter Cox). The rejection is respectfully traversed with respect to the pending claims.

Independent claim 1 recites a method for displaying video and audio information of an Internet site on a screen of a television. The method includes displaying an initial screen of a recently stored Internet site on a screen of the television when a user selects an Internet mode, and generating an Internet site search menu when an Internet channel guide key signal is input by the user. Independent claim 1 also recites that the search menu including a channel guide window for arranging channel numbers corresponding to previously registered addresses of Internet sites, and titles of the Internet sites, and a channel number range designation window

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for arranging the channel numbers within the channel guide window. The Internet site search menu further includes a channel update selection window for periodically updating the video and audio information of the Internet site corresponding to the channel number desired by the user among the channel numbers. Independent claim 1 also recites displaying the Internet site search menu on the screen of the television, wherein a channel number has a one-to-one correspondence to a title of an Internet site, and the one-to-one correspondence remains fixed until user modification. The channel number range destination window includes a plurality of displayed groups of channel numbers, each displayed group having a prescribed range of channel numbers, which is different for each displayed group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of one of the displayed groups that is selected by the user.

During the personal interview, applicant's representative discussed Rosin. Rosin discloses a system for selectively displaying internet content and television programming on a display. The Rosin system includes channels separately representing individual television content and individual internet content wherein the internet content channels comprise links to selected web pages organized according to templates corresponding to web page content.

The Office Action (on page 4) states that Rosin's col. 7, lines 18-29 teaches the claimed channel update selection window. During the personal interview, applicant asserted that the cited section of Rosin does not suggest the channel update selection window as recited in independent claim 1. That is, the disclosed guide page (FIG. 5 or 7) being modified, adapted and updated does not suggest a channel update selection window for periodically updating the video and

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audio information of the Internet site corresponding to the channel number desired by the user among the channel numbers. The other applied references do not teach or suggest this feature of independent claim 1 missing from Rosin.

Rosin, the Rosin publication, Maeckel and Cox, either alone or in combination, do not teach or suggest at least displaying the Internet site search menu on the screen of the television, wherein a channel number has a one-to-one correspondence to a title of an Internet site, and the one-to-one correspondence remains fixed until user modification, and wherein the channel number range destination window includes a plurality of displayed groups of channel numbers, each displayed group having a prescribed range of channel numbers, which is different for each displayed group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of one of the displayed groups that is selected by the user, wherein the Internet site search menu further includes a channel update selection window for periodically updating the video and audio information of the Internet site corresponding to the channel number desired by the user among the channel numbers, as recited in independent claim 1.

Accordingly, the applied references do not teach or suggest at least these features of independent claim 1. Additionally, the Office Action clearly relies on impermissible hindsight in order to combine the four cited references. That is, the Office Action clearly picks and chooses various features from each of the respective references without regard to the overall operation of each of these references and/or the overall operation of the claims. Applicant respectfully submits that the rejection should be withdrawn at least for this reason.

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Further, the Office Action (on pages 2-3) states that Rosin does not teach the features relating to displaying the Internet site search menu. The Office Action also states that the Rosin publication and Maeckel do not relate to the specific features of a plurality of displayed groups of channel numbers in which each displayed group having a prescribed range of channel numbers, which is different for each displayed group. When addressing these features, the Office Action references Cox's FIG. 2. However, Cox's FIG. 2 shows a list 100 of bookcases 102 that may appear on a computer monitor. This does not suggest that the channel numbers arranged within the channel guide window correspond to a selected one of the bookcases 102. Cox, alone or in combination with the other references, does not teach or suggest a plurality of displayed groups of channel numbers where the channel numbers arranged within the channel guide window correspond to the prescribed range of one of the displayed groups that is selected by the user. Cox does not teach or suggest these features of independent claim 1.

Further, Maeckel also does not teach or suggest these missing features. Maeckel only displays a single group of numbers and therefore has no suggestion for displaying a plurality of displayed groups of channel numbers and that the channel numbers arranged within the channel guide window correspond to the prescribed range of one of the displayed groups that is selected by the user.

For at least the reasons set forth above, the applied references do not teach or suggest all the features of independent claim 1. Thus, independent claim 1 defines patentable subject matter.

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Independent claim 13 recites an Internet site search menu generator for receiving the control signal and generating and outputting an Internet site search menu that includes a channel update selection window for periodically updating the video information and the audio information of the Internet site corresponding to the channel number desired by the user among channel numbers. Independent claim 13 also recites that the displayed Internet site search menu further includes a channel guide window having the channel numbers, each channel number having a one-to-one correspondence to a title of the Internet site and the one-to-one correspondence remains fixed until user modification, and wherein the displayed Internet site search menu further includes a channel number destination window for arranging the channel numbers in the channel guide window and having a plurality of displayed groups of channel numbers, each displayed group having a prescribed range of channel numbers, which is different for each displayed group, and the channel numbers arranged within the channel guide window correspond to the prescribed range of one of the displayed groups that is selected by the user.

For at least similar reasons as set forth above, the applied references (including Rosin) do not teach or suggest the channel update selection window for periodically updating the video information and the audio information of the Internet site corresponding to the channel number desired by the user among channel numbers.

Still further, the applied references (including Cox and Maeckel) do not teach or suggest the plurality of displayed groups of channel numbers where the channel numbers arranged within the channel guide window correspond to the prescribed range of one of the displayed groups that is selected by the user.

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Additionally, there is no suggestion to combine the references as alleged in the Office Action. Rather, the Office Action clearly relies on impermissible hindsight in order to make the combination.

For at least the reasons set forth above, the applied references do not teach or suggest all the features of independent claim 13. Thus, independent claim 13 defines patentable subject matter.

Accordingly, each of independent claims 1 and 13 defines patentable subject matter. Each of the dependent claims depends from one of the independent claims and therefore defines patentable subject matter at least for this reason. In addition, the dependent claims recite features that further and independently distinguish over the applied references.

Dependent claim 7 recites that the Internet site search menu further comprises a goto window including a plurality of goto keys for moving to the addresses of the Internet sites corresponding to the channel numbers. See also dependent claim 19. The Office Action cites Rosin 307's FIG. 6 and GOTO URL for these features. However, Rosin merely describes selecting a highlighted link by depressing a selection or enter button. See col. 8, lines 8-34. This does not correspond to the claimed goto window including a plurality of goto keys. The applied references do not teach or suggest at least these features of dependent claims 7 and 19. Thus, dependent claims 7 and 19 define patentable subject matter at least for these additional reasons.

Dependent claim 9 recites that the Internet site search menu further comprises a registration/modification/deletion window including a registration key for registering the Internet site desired by the user by a channel number, a modification key for modifying the

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Internet site, and a deletion key for deleting the Internet site. Dependent claim 10 recites that the registration/modification/deletion window includes windows for inputting, selecting, or changing the titles of the respective Internet sites and an address and channel number of the corresponding Internet site, a confirm key for registering or modifying a corresponding input or change content and confirming the registered or modified content, and a cancellation key for canceling the registered or modified content. See also dependent claims 21 and 22.

The Office Action (on page 5) states that Rosin does not specifically disclose a registration and deletion key that includes a registration key and a deletion key. The Office Action then takes Official Notice that the use of these keys is well known. Applicant respectfully disagrees and requests the Patent Office to provide a prior art reference that suggests this feature and to show proper motivation to combine a fifth reference with the other four references. In the absence of any such reference, the applied references do not teach or suggest at least these features of dependent claims 9, 10, 21 and 22. Thus, dependent claims 9, 10, 21 and 22 define patentable subject matter at least for these additional reasons.

Dependent claim 29 recites that each goto key of the goto window is associated with the Internet site corresponding to the channel number. The applied references do not teach or suggest at least these features of dependent claim 29. Thus, dependent claim 29 defines patentable subject matter at least for these additional reasons.

### **CONCLUSION**

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-18 and 20-30 are

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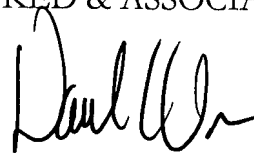
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earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
KED & ASSOCIATES, LLP



David C. Oren  
Registration No. 38,694

P.O. Box 221200  
Chantilly, Virginia 20153-1200  
(703) 766-3777 DCO/kah

**Date: June 5, 2007**

**Please direct all correspondence to Customer Number 34610**